(b) Joint Forest Management, Eco-development in protected areas, social and farm forestry, soil and moisture conservation, capacity building of forestry personnel and communities and applied research are some of the salient features of the Gujarat Forestry Development Project. The proposed project is for a period of five years with an estimated cost of Rs. 2673 crores.

(c) The project is proposed to be posed to the Japan Bank of International Cooperation during 2003-04.

Demand and supply of fire wood

†1837. SHRIMATI SAROJ DUBEY: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Government propose to formulate any plan to remove the imbalance between the demand and supply of fire wood;

(b) if so, the details thereof; and

(c) if not, the arrangement being made to remove this imbalance?

THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI T.R. BAALLU): (a) and (b) Government has already formulated a National Forestry Action Programme which includes programme for improving forestry productivity through rehabilitation of degraded forests, research and technology development, assisting private initiatives with community participation and reduction of demand on forests by efficient utilisation of fuelwood and extensive bio-mass plantations.

(c) Does not arise.

Killing of snow-leopards in Padmaja Naidu Himalayan Zoological Park

1838. SHRI AIMADUDDIN AHMED KHAN (DURRU):
DR. AKHILESH DAS:

Will the Minister of ENVIRONMENT AND FORESTS be pleased to State:

(a) whether dozens of snow leopards, Siberian tigers and pandas have died or have been killed in the high altitude Padmaja Naidu Himalayan Zoological Park, during the last five years;

†Original notice of the question was received in Hindi.

(b) if so, the details regarding death and killing of these endangered species, the main reasons for these deaths and casualties; and

(c) whether Government have conducted any probe into the causes of mass casualties/deaths of these enimals, if so, the details thereof; and the steps taken and being taken in the light of its findings, to preserve and promote these species?

THE MINISTER OF ENVIRONMENT AND FORESTS (SHRI T. R. BAALU): (a) and (b) The breeding programme of Snow leopard was initiated with a founder population of 6 animals, which has now grown to 13. Similarly, the population of Red panda has also grown from 9 to 26. Siberian tiger has also breed in the zoo. As the breeding has been going on there have been deaths of the animals of the three species, which are given in the Statement enclosed (*See* below). The main reasons for death as revealed by postmortem report are pasteurellosis, pneumonia, cryptocossis and infant mortality.

(c) Central Zoo Authority has conducted an enquiry into the matter. The zoo management has been asked to reduce the overcrowding of animals and improve hygiene in animal houses to reduce growth of disease causing bacteria.

Statement

Death Records of Snow Leopard, Siberian Tiger and Red Panda for the last five years 1997—2002

Animal Species	Sex	Date of Deaths	Cause of Death
Siberian Tiger cub	Male	20.1.1997	Septicemia
Siberian Tiger cub		24.2.1997	Pasteurellosis
Siberian Tiger	Female	25.2.1997	Trauma of uterus and Septicemia
Snow Leopard cub	Male	5.4.1997	Hyperthemia
Snow Leopard cub	Male	28.3.1997	Still born
Siberian tiger	Male	21.5.1997	Shock resulting from fracture
Red Panda	Female	2.7.1997	Pasteurellosis
Red Panda	Male	4.7.1997	Senility
Red Panda	Female	15.7.1997	Tranquilization & capture stress
Red Panda	Female	28.8.1997	Panleucopaentia
Red Panda	Female	10.8.1997	Bite injuries
Red Panda	Male	27.11.1997	Unknown
Snow Leopard cub	Female	16.12.1997	Rejected by mother

Animal Species	Sex	Date of Deaths	Cause of Death
Snow Leopard	Male	26.3.1998	Pasteuellosis
Snow Leopard	Female	3.7.1998	Haemorahgic enteritis
Snow Leopard	Female	25.5.1998	Pneumonia
Siberrian tiger	Female	31.5.1998	Pneumonia
Siberian tiger	Male	30.5.1998	Pneumonia
Snow Leopard	Female	27.8.1998	Sinuo on Maxilla
Snow Leopard	Male	27.8.1998	Cardiac failure
Snow Leopard	Female	5.9.1998	Pneumonia
Red Panda	Male	1.9.1998	Staphyloccocal infection
Red Panda	Male	22.4.1999	Bite injuries
Red Panda	Female	26.8.1999	Fracture & Trampled to death
Snow Leopard	Female	24.8.2000	Pneumonia
Snow Leopard	Male	23.11.2000	Pneumonia
Snow Leopard	Male	7.6.2000	Abnormal ascitis
Siberian Tiger	Female	25.12.2000	Rickets
Siberian Tiger	Male	25.12.2000	Rickets
Siberian Tiger	Female	9.2.2001	Senility
Siberian Tiger	Male	9.2.2001	Senility
Snow Leopard	Male	10.5.2001	Septicemia
Snow Leopar cub	Male	7.5.2001	Round worm
Snow Leopar cub	Male	6.6.2001	Round worm
Snow Leopar cub	Female	29.7.2001	Round worm & Pneumonia
Snow Leopar cub	Male	25.9.2001	Fracture & Per Acute Pneumonia
Red Panda	Male	2.1.2002	Anoxia from injury
Red Panda	Male	1.2.2002	Cardiac failure
Red Panda	Male	5.2.2002	Respiratory failure due to cryptocossis
Red Panda	Male	11.2.2002	Respiratory failure due to cryptocossis
Red Panda	Female	11.2.2002	Respiratory failure due to cryptocossis

Poaching in Nanda Devi Biosphere Reserve

1839. SHRI AIMADUDDIN AHMED KHAN (DURRU):
DR. AKHILESH DAS:

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state: